

MATERIAL SAFETY DATA SHEET

Capture® F Professional Steam Clean Detergent

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Capture® F Professional Steam Clean Detergent
CAS Number: Blend

Company Identification

Milliken Chemical
P.O. Box 817
1440 Campton Road
Inman, SC 29349 USA
1-864-472-9041 (For questions and emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

PRODUCT USE:
Cleaner.

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% Capture® F Professional Steam Clean Detergent

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
ALKYLNAPHTHALENE SULFONATE	3.0 - 4.0 %	
GLYCOL ETHERS	2.0 - 4.0 %	

NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
PROPRIETARY BLEND	92.0 - 95.0 %	

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Prolonged or repeated contact may cause skin or eye irritation. Avoid contact with eyes.

HMIS Rating:

Health - 1
Flammability - 0
Reactivity - 0
Personal Protection Index - B



NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE:

May cause eye irritation.

SKIN:

Prolonged or repeated skin contact may cause irritation.

INHALATION:

No known risks due to inhalation.

INGESTION:

No known hazards when used according to container instructions.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Contact a physician.

INGESTION FIRST AID:

Contact a physician. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: > 100.0 C (> 212.0 F)

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: %

UEL: %

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES



SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

SPILL PROCEDURE:

Contain spilled material. Large spillage should be dammed-off and pumped into containers. All waste materials should be packaged, labeled, and transported in accordance with all national, state/provincial, and local requirements.

INITIAL CONTAINMENT:

Contain spilled material. All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

HANDLING (PHYSICAL ASPECTS):

Keep from freezing. Keep container closed to avoid contamination.

STORAGE PRECAUTIONS:

Keep out of reach of children. Keep from freezing. Keep container tightly closed. Store in a well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control airborne levels.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wear appropriate personal protective equipment.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special respiratory protective equipment is required.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Amber
ODOR:	Mild odor
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	1.03 (typical) (Water = 1)
PH:	9.4-9.6 at 3.6% solution
% VOLATILES:	approx. 90 %

10. STABILITY AND REACTIVITY

STABILITY:

This compound is stable at ambient conditions.



POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents. Keep from freezing.

DECOMPOSITION:

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

All waste materials should be packaged, labeled and transported in accordance with all national, state/provincial, and local requirements. Uncleaned empty containers should be disposed of in the same manner as the contents.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL:	Capture® F Professional Steam Clean Detergent
BULK CLASS:	Cleaning Compound

15. REGULATORY INFORMATION

CHEMICAL INVENTORY INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

PREPARED BY:	Steven Brown
APPROVED BY:	Steven Brown
TITLE:	Senior Development Chemist
APPROVAL DATE:	August 12, 2004
SUPERCEDES DATE:	March 3, 2004
MSDS NUMBER:	827512

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